

Title (en)

BEVERAGES COMPRISING STABLE GRANULES OF MILLED LUTEIN

Title (de)

GETRÄNKE MIT STABILEM GRANULAT AUS GEMAHLENEM LUTEIN

Title (fr)

BOISSONS COMPRENNANT DES GRANULES STABLES DE LUTÉINE BROYÉE

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Application

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Abstract (en)

[origin: WO2017168006A1] The present invention is directed towards the use of granules in beverages, wherein the granules comprise (i) a milled carotenoid selected from the group consisting of lutein and zeaxanthin and any mixture thereof having the following particle size distribution: D [3,2] in the range of from 0.6 to 1.5 µm, and D [v, 0.5] in the range of from 1.1 to 3.5 µm, and (ii) a matrix comprising at least one modified food starch, a glucose syrup and sucrose, (iii) a water-soluble antioxidant, wherein the granules have the following particle size distribution: D [3,2] in the range of from 200 to 300 µm, and D [v, 0.5] in the range of from 220 to 320 µm, all D values as measured by laser diffraction according to the Fraunhofer scattering model, whereby the milled carotenoid is encapsulated by the matrix. The present invention is also directed towards the beverages and the granules as such, as well as to a process for the manufacture of the granules. Preferably the carotenoid is lutein, zeaxanthin or any mixture thereof.

IPC 8 full level

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